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Violent land terrain alterations and their impacts on water management; Case study: North Euboea

Panayiotis Dimitriadis, **Matina Kougia**, G.-Fivos Sargentis, Theano Iliopoulou, Nikos Mamasis, and Demetris Koutsoyiannis

National Technical University of Athens, School of Civil Engineering, Water Resources and Environmental Management, Greece (pandim@itia.ntua.gr)

North Euboea is a place with high topographic relief, covered mostly by wild forests, with a lot of small rivers receiving high amounts of rainfall. After 2017 a severe disease started to eliminate plane trees (Platanus orientalis), which were growing on the riverbanks stabilizing the flow of water. One more dramatic event which severely impacted North Euboea was the wildfire that occurred in August 2021 and burnt 52,900 ha. Both events drastically changed the land terrain, causing various impacts on the area's watersheds. In this vein, we try to investigate the changes in the water flow and inspect the combined effects of these landscape alterations on water management.